COMPLETE SAMPLE DELIVERY GROUP FILE (CSF)
EVIDENCE AUDIT CHECKLIST
U.S. Environmental Protection Agency - Region 8
Environmental Services Division, Multi-Media Branch
Analytical Operations Section

Audit Number: 08-29-08
Site Name: Richardson Flat Tailings
Date CSF Received: 12/6/07
Site Manager: Kathryn Hernandez
Received By: Carl Beard
RAS Number: 36948
Date of Audit: 02/21/08
ULSA Number:
Audited By: Carl Beard
SDG Number: MN24D6
Resubmitted CSF? Yes___ No___
Number of Samples: 20/4/5
Lab Name: A-4 Scientific
CLP Lab Code: A-4
Lab Location: The Woodlands, TX

AUDIT CHECKLIST

CHAIN OF CUSTODY

1.	Custody Seal Present?	Yes ✓	No___
2.	Condition of Seal? Intact ✓ Signed ✓ Broken___	Unsigned___	
3.	Chain of Custody Record(s) Present?	Yes ✓	No___
4.	Chain of Custody Record(s) Signed?	Yes ✓	No___
5.	Chain of Custody Record(s) Dated?	Yes ✓	No___
6.	Traffic Report(s) or Packing List(s) Present?	Yes ✓	No___
7.	Traffic Report(s) or Packing List(s) Signed?	Yes ✓	No___
8.	Airbill Present?	Yes ✓	No___
9.	Airbill Number(s): 863198574806		
10.	Airbill Signed?	Yes ✓	No___
11.	Airbill Dated?	Yes ✓	No___
12.	Sample Tags Present?	Yes ✓	No___
13.	Should Sample Tags be Present?	Yes ✓	No___

AUDIT NUMBER: 08-29-08

FORM DC-2

14. Form DC-2 Present?	Yes ✓	No
15. Numbering Scheme on Form DC-2 Correct?	Yes ✓	No
16. Enclosed Documents Listed?	Yes ✓	No
17. Listed Documents Enclosed?	Yes ✓	No

FORM DC-1

18. Form DC-1 Present?	Yes ✓	No
19. Form DC-1 Complete?	Yes ✓	No
20. Form DC-1 Correct?	Yes ✓	No

OCUMENT CONTROL

1. Laboratory Documents Complete?	Yes ✓	No
2. Laboratory Documents Legible?	Yes ✓	No
3. Original Documents Included in CSF?	Yes ✓	No

ATA INSPECTION

1. Form I's present (for each analytical fraction as defined by the Traffic Report/Chain of Custody Record)?	Yes ✓	No
. Forms 2 through 8 (VOC & SVOC), Forms 2 through 10 (Pesticides), Forms 2 through 14 (Metals & Cyanide) present?	Yes ✓	No
. Raw data present (for each analytical fraction as defined by the Traffic Report/Chain of Custody Record)?	Yes ✓	No
. Percent Solids Form present for soil samples?	Yes ✓	No

E: If items 1, 3, 4, 6, 7, 8, 12, 14, 18, or 22 are missing, rective action measures must be taken by the CSF auditor and marized below.

JDIT NUMBER: 08-29-08

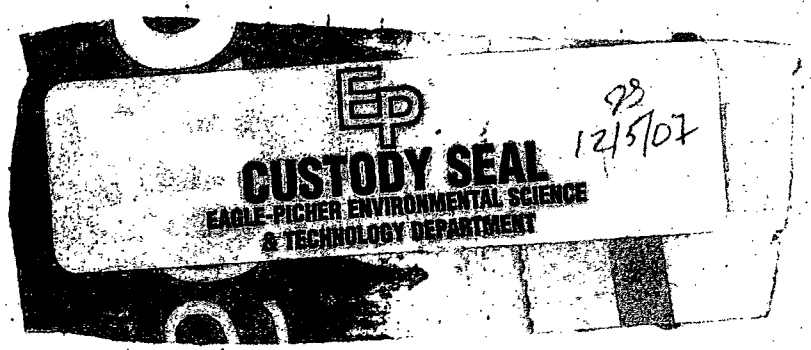
OMMENTS AND NOTES:

Carol Beard 02/21/08

uditor Date

EPA OFFICIAL SEALS PAGE

lease attach all custody seals below:



AUDIT NUMBER: 08-29-08

EPA CLP ELECTRONIC DISKETTE(S)

CASE #: 36948 SDG #: MH24D6

SITE NAME: Richardson Flat Tailings

RPM: Kathryn Hernandez

DATE: 02/21/08

AUDITOR: Carol Beard

Audit # 08-29-08
RAS # 36948
SDG - MH24D6
Site - Richardson Flat Tailings
RPM - Kathryn Hernandez
Date - 02/21/08
LAB - A-4

USEPA-CLP

COVER PAGE

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No: 36948 NRAS No.: SDG No: MH24D6

SOW No.: ILM05.4

EPA Sample No.	Lab Sample ID
MH24D6	0008726-01
MH24D6D	0008726-01D
MH24D6S	0008726-01S
MH24D7	0008726-02
MH24D8	0008726-03
MH24D9	0008726-04
MH24E0	0008726-05
MH24E1	0008726-06
MH24E2	0008726-07
MH24E3	0008726-08
MH24E4	0008726-09
MH24E5	0008726-10
MH24E6	0008726-11
MH24E7	0008726-12
MH24E8	0008726-13
MH24E9	0008726-14
MH24F0	0008726-15
MH24F1	0008726-16
MH24F2	0008726-17
MH24F3	0008726-18

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	YES
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	YES	YES
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Reddy Pakanati Name: REDDY PAKANATI

Date: 12/5/07 Title: LABORATORY MANAGER

USEPA-CLP

COVER PAGE

Lab Name: A4 Scientific, Inc. Contract: EPW06057

Lab Code: A4 Case No: 36948 NRAS No.: SDG No: MH24D6

SOW No.: ILM05.4

EPA Sample No.	Lab Sample ID
MH24F4	0008726-19
MH24F5	0008726-20

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	YES
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	YES	YES
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Reddy Pakanati Name: REDDY PAKANATI

Date: 12/5/07 Title: LABORATORY MANAGER

A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057	Case #: 36948	SDG #: MH24D6

SDG NARRATIVE

SAMPLE RECIEPT & LOGIN

The following samples were received on the dates listed against them. The samples were logged in for analysis as listed.

EPA SAMPLE #	LAB SAMPLE #	DATE/TIME RECEIVED	AIRBILL NO.	ANALYSIS	Total # of Containers Received	REMARKS	MATRIX
MH24D6	0008726-01	11/16/07 10:11	863198574806	ICP-AES	1	MS/DUP	SOIL
MH24D7	0008726-02	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24D8	0008726-03	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24D9	0008726-04	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24E0	0008726-05	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24E1	0008726-06	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24E2	0008726-07	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24E3	0008726-08	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24E4	0008726-09	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24E5	0008726-10	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24E6	0008726-11	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24E7	0008726-12	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24E8	0008726-13	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24E9	0008726-14	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24F0	0008726-15	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24F1	0008726-16	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24F2	0008726-17	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24F3	0008726-18	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24F4	0008726-19	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24F5	0008726-20	11/16/07 10:11	863198574806	ICP-AES	1		SOIL

ICP-AES

Issue 1: The cooler custody seals were absent for all coolers received on 11/16/07.
Resolution 1: Per Region 8, the laboratory has proceeded with the analysis of the samples.

Issue 2: There was no temperature blank received for the coolers received on 11/16. Cooler temperatures were determined to be 5,4,4 and 5. Lab used the following method to check cooler temperature. Removed ice between two sample containers and placed thermometers between them and stabilized for several minutes. The thermometer was not allowed to come in contact with any material except sample containers. The temperature of the shipping container was recorded on the TR/COC and form DC-1.
Resolution 2: Per direction from Region 8 laboratory has proceeded with the analysis of the samples.

Issue 3: The tag numbers on the physical tags do not match up with the tag numbers listed on the TR/COC.
Resolution 3: Per direction from Region 8, the laboratory proceeded with the analysis of the sample using the sample tag number attached to the sample container.

Issue 4: Per scheduling lab QC is required; however there were no samples designated on the TR/COC.
Resolution 4: Per direction from Region 8, the laboratory selected a sample for lab QC that was not a PE, blank, or rinsate sample. The laboratory notified the SMO coordinator of the sample selected for lab QC, and proceed with the analysis of the samples.

A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057	Case #: 36948	SDG #: MH24D6

SDG NARRATIVE

SMO was notified. Directive is enclosed. No other discrepancies of issues were noted during receipt and login.

ICP-AES

Soil Samples were digested by Hot-Block technique (HS2) and analyzed using a Thermo Electron ICAP6500.

MS and DUP were performed on sample "MH24D6" and they were within the QC limits.

Analytes with Serial Dilution percent difference not within the control limits are flagged with "E" on Form1s and Form8.

The following Samples were analyzed at a dilution for some elements to bring the concentration below the LDRs. The dilutions were made as below:

Sample ID	Dilution	Volume at digestate (ul)	Volume of 2% HNO3 (ul)	Final Volume (ul)
MH24D7	1.4	7,143	2,857	10,000
MH24D7	1.3	7,692	2,308	10,000
MH24E0	1.3	7,692	2,308	10,000
MH24E1	1.3	7,692	2,308	10,000

The following equations are used for calculation of sample results from raw instrument output data:

ICP-AES

SOIL Samples:

$$\text{Concentration (dry Wt.) (mg/kg)} = \frac{C*V}{W*S} * DF$$

Where,
C = Concentration (mg/L)
V = Final sample volume in Liters (L) (0.1L)
W = Wet sample weight (kg) (0.001kg)
S = % solids/100
DF = Dilution Factor

SAMPLE LOG-IN SHEET

Lab Name A4 SCIENTIFIC, INC.	Page 1 of 1
Received By (Print Name) Larry Goodson	Log-in Date 11/16/07
Received By (Signature) Larry Goodson	
Case Number 36948	Sample Delivery Group No. MH24D6

NRAS Number —

Remarks:

1. Custody Seal(s) — Present/Absent* Intact/Broken
2. Custody Seal Nos. — N/A
3. Traffic Reports/Chain of Custody Records or Packing Lists — Present/Absent*
4. Airbill — Airbill/Sticker Present/Absent*
5. Airbill No. — 863198574806 N/A
6. Sample Tags — Present/Absent*
   Sample Tag Numbers — Listed/Not Listed on Traffic Report/Chain of Custody Record
7. Sample Condition — Intact/Broken*/Leaking
8. Cooler Temperature Indicator Bottle — Present/Absent*
9. Cooler Temperature — 5 °C
10. Does information on Traffic Reports/Chain of Custody Records and sample tags agree? — Yes/No*
11. Date Received at Lab — 11/16/07
12. Time Received — 11/20/07 10:11

Sample Transfer

Fraction MHS	Fraction
Area # Cooler A	Area #
By	By
On 11/16/07	On

EPA Sample #	Aqueous Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
MH24D6		8308636	36948-01	Ziplock Bag Intact
D7		8-308639	-02	
D8		8-308633	-03	
D9		8308635	-04	
MH24E0		8308640	-05	
E1		8308637	-06	
E2		8308626	-07	
E3		8308630	-08	
E4		631	-09	
E5		632	-10	
E6		634	-11	
E7		624	-12	
E8		638	-13	
E9		623	-14	
MH24F0		642	-15	
F1		627	-16	
F2		643	-17	
F3		629	-18	
F4		625	-19	
F5		628	-20	

* Contact SMO and attach record of resolution

Reviewed By		Logbook No.	NA [redacted]
Date 11/20/07		Logbook Page No.	[redacted]

FULL INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

LABORATORY NAME A4 SCIENTIFIC, INC.

CITY/STATE THE WOODLANDS, TX

CASE NO. 36948 SDG NO. MH24D6

SDG NOs. TO FOLLOW NA

NRAS NO. NA

CONTRACT NO. EPW06057

SOW NO. ILM05.4

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.6)

		PAGE NOs. FROM	PAGE NOs. TO	CHECK LAB	CHECK REGION
1.	Cover Page	1	2	✓	✓
2.	SDG Narrative	3	4	✓	✓
3.	Sample Log-In Sheet (DC-1)	5	5	✓	✓
4.	Inventory Sheet (DC-2))	6	7	✓	✓
5.	Traffic Report/Chain of Custody Record(s)	8	10	✓	✓
	Inorganic Analysis				
6.	Data Sheet (Form I-IN)	11	30	✓	✓
7.	Initial & Continuing Calibration Verification (Form IIA-IN)	31	36	✓	✓
8.	CRQL Standard (Form IIB-IN)	37	40	✓	✓
9.	Blanks (Form III-IN)	41	44	✓	✓
10.	ICP-AES Interference Check Sample (Form IVA-IN)	45	48	✓	✓
11.	ICP-MS Interference Check Sample (Form IVB-IN)	NA	NA	✓	—
12.	Matrix Spike Sample Recovery (Form VA-IN)	49	49	✓	✓
13.	Post-Digestion Spike Sample Recovery (Form VB-IN)	NA	NA	✓	—
14.	Duplicates (Form VI-IN)	50	50	✓	✓
15.	Laboratory Control Sample (Form VII-IN)	51	51	✓	✓
16.	ICP-AES and ICP-MS Serial Dilutions (Form VIII-IN)	52	52	✓	✓
17.	Method Detection Limits (Annually) (Form IX-IN)	53	55	✓	✓
18.	ICP-AES Interelement Correction Factors (Quarterly) (Form XA-IN)	56	56	✓	✓
19.	ICP-AES Interelement Correction Factors (Quarterly) (Form XB-IN)	57	57	✓	✓
20.	ICP-AES and ICP-MS Linear Ranges (Quarterly) (Form XI-IN)	58	58	✓	✓
21.	Preparation Log (Form XII-IN)	59	59	✓	✓
22.	Analysis Run Log (Form XIII-IN)	60	63	✓	✓

[redacted]

	PAGE NOs. FROM	PAGE NOs. TO	CHECK LAB	CHECK REGION
23. ICP-MS Tune (Form XIV-IN)	NA	NA	✓	—
24. ICP-MS Internal Standards Relative Intensity Summary (Form XV-IN)	↓	↓	✓	✓
25. ICP-AES Raw Data	64	391	✓	✓
26. GFAA Raw Data (If Applicable)	NA	NA	✓	—
27. ICP-MS Raw Data	↓	↓	✓	—
28. Mercury Raw Data	↓	↓	✓	—
29. Cyanide Raw Data	↓	↓	✓	—
30. Preparation Logs Raw Data	392	415	✓	✓
31. Percent Solids Determination Log	12/5/07 ~~414~~ 416	417	✓	—
32. USEPA Shipping/Receiving Documents				
Airbill (No. of Shipments 1)	418	418	✓	✓
Sample Tags	419	425	✓	✓
Sample Log-In Sheet (Lab)	426	427	✓	✓
33. Misc. Shipping/Receiving Records (list all individual records)				
Telephone Logs	NA	NA	✓	—
NA	↓	↓	✓	—
↓	↓	↓	✓	—
34. Internal Lab Sample Transfer Records & Tracking Sheets (describe or list)				
Custody Logbook	428	428	✓	✓
NA	NA	NA	✓	—
35. Internal Original Sample Prep & Analysis Records (describe or list)				
Prep Records Digestion Log	392	393	✓	✓
Analysis Records Run log	394	401	✓	✓
Description Standard preplog	402	415	✓	✓
36. Other Records (describe or list)				
Telephone Communications Log	NA	NA	✓	—
Emails	429	431	✓	✓
NA	NA	NA	✓	—

37. Comments: _____

12/5/07

Completed by:
(CLP Lab) Jessica Schulze — Jessica Schulze — Sample Custodian — 12/5/07
(Signature) (Print Name & Title) (Date)

Audited by:
(USEPA) Carol Beard — Carol Beard — 02/21/08
(Signature) (Print Name & Title) (Date)

SAMPLE DELIVERY GROUP (SDG)
COVER SHEET

SDG Number: MH24D6

☒ **ICP-AES Analysis** ☐ **ICP-MS Analysis**

Laboratory Name:	A4 SCIENTIFIC, INC.	**Laboratory Code:**	A4
Contract No.:	EPW06057	**Case No.:**	36948
Analysis Price:		**SDG Turnaround:**	21 days

Modified Analysis (if applicable):

Modification Reference No.:

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) MH24D6	7) MH24E2	13) MH24E8	19) MH24F4
2) MH24D7	8) MH24E3	14) MH24E9	20) MH24F5
3) MH24D8	9) MH24E4	15) MH24F0	21)
4) MH24D9	10) MH24E5	16) MH24F1	22)
5) MH24E0	11) MH24E6	17) MH24F2	23)
6) MH24E1	12) MH24E7	18) MH24F3	24)

MH24D6	MH24F5
First Sample in SDG	**Last Sample in SDG**
11/16/2007	11/16/2007
First Sample Receipt Date	**Last Sample Receipt Date**

Note: *There are a maximum of 20* ***field*** *samples [excluding Performance Evaluation (PE) Samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).*

Jessica Schulz
Signature

11/20/07
Date

Cooler 7

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 36948
DAS No:
SDG No: MH24D6 **L**

Date Shipped:	
Carrier Name:	FedEx
Airbill:	
Shipped to:	A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record

Relinquished By (Date / Time)	Received By (Date / Time)
1 Chris Hayes 11/7/07 6pm	Jana Simonsen 11/7/07 6PM
2 Jana Simonsen 11/15/07 12pm	
3	
4	J. Schultz 11/16/07 10:11

Sampler Signature:

For Lab Use Only

Lab Contract No:	EPW06057
Unit Price:	0
Transfer To:	7
Lab Contract No:	25
Unit Price:	11/16/07

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH24D6	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG186 (1)	UE01-56-0.5	S: 11/5/2007	13:10	1st SDG 0008726-01	Intact
MH24D7	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG187 (1)	UE01-56A1-0.5	S: 11/5/2007	14:40	-02	
MH24D8	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG188 (1)	UE02-56-0.5	S: 11/5/2007	11:20	-03	
MH24D9	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG189 (1)	UE02-56A1-0.5	S: 11/5/2007	14:25	-04	
MH24E0	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG190 (1)	UE03-56-0.5	S: 11/5/2007	11:35	-05	
MH24E1	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG191 (1)	UE03-56-1.0	S: 11/5/2007	11:40	-06	
MH24E2	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG192 (1)	UE03-56A1-0.5	S: 11/5/2007	15:20	-07	
MH24E3	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG193 (1)	UE04-56A1-0.5	S: 11/5/2007	15:40	-08	
MH24E4	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG194 (1)	UE05-56-0.5	S: 11/5/2007	12:20	-09	
MH24E5	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG195 (1)	UE05-56-1.0	S: 11/5/2007	12:30	-10	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
		25 11/16/07	5°C	25 11/16/07

Analysis Key: **Concentration:** L = Low, M = Low/Medium, H = High **Type/Designate:** Composite = C, Grab = G

Custody Seal Intact? N **Shipment Iced?** Y

M = CLP TAL Total Metals

TR Number: 8-065602925-111307-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 36948
DAS No:
SDG No: MH24D6 **L**

Date Shipped:	**Chain of Custody Record**	**Sampler Signature:**	**For Lab Use Only**
Carrier Name: FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**	**Lab Contract No:** EPW06057
Airbill:	1 Chris Hayes 11/7/07 6pm	Janna Simonsen 11/7/07 6pm	**Unit Price:** 0
Shipped to: A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	2 Janna Simonsen 11/15/07 12pm		**Transfer To:**
	3		**Lab Contract No:**
	4	Z. Schulz 11/16/07 10:11	**Unit Price:** 11/16/07

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH24E6	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG196 (1)	UE05-56A1-0.5	S: 11/5/2007	16:00		0008726-11 Intact
MH24E7	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG197 (1)	UE05-56A1-1.0	S: 11/5/2007	16:10		-12
MH24E8	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG198 (1)	UE06-56-0.5	S: 11/5/2007	11:55		-13
MH24E9	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG199 (1)	UE06-RR-0.5	S: 11/5/2007	11:05		-14
MH24F0	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG200 (1)	UE07-56-0.5	S: 11/5/2007	13:40		-15
MH24F1	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG201 (1)	UE07-56-1.0	S: 11/5/2007	13:50		-16
MH24F2	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG202 (1)	UE07-RR-0.5	S: 11/5/2007	16:10		-17
MH24F3	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG203 (1)	UE08-56-0.5	S: 11/5/2007	14:00		-18
MH24F4	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG204 (1)	UE08-56-1.0	S: 11/5/2007	14:10		-19
MH24F5	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG205 (1)	UE09-56-0.5	S: 11/5/2007	14:15		-20 Final 4 of 4

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:**	**Additional Sampler Signature(s):** 11/16/07	**Cooler Temperature Upon Receipt:** 5°C	**Chain of Custody Seal Number:** 11/16/07
Analysis Key: M = CLP TAL Total Metals	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Custody Seal Intact?** Y	**Shipment Iced?** Y

TR Number: 8-065602925-111307-0001

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PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602